

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/11669

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl<sup>7</sup> C07D207/46, C08J3/24 // A61L27/18, 26/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> C07D207/46, C08J3/24 // A61L27/18, 26/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
CA (STN), REGISTRY (STN), WPIDS (STN)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 61-69759 A (Director General, Agency of Industrial Science and Technology), 10 April, 1986 (10.04.86), Full text (Family: none)	1-7
X	WO 01/91814 A (VIRIDIS BIOTECH INC.), 12 June, 2001 (12.06.01), Full text & EP 1284992 A	1-7
X	SAKAMOTO, Takeshi; Li, Hao; KIKUGAWA, Yasuo, A Total Synthesis of Nannochelin A. A Short Route to Optically Active N. omega.-Hydroxy-.alpha.- amino Acid Derivatives, Journal of Organic Chemistry (1996), 61(24), 8496-8499	1-7

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
15 October, 2003 (15.10.03)Date of mailing of the international search report  
28 October, 2003 (28.10.03)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

Form PCT/ISA/210 (second sheet) (July 1998)

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## <Subject of search>

Even though the statement in the description is discussed, it is unclear what compounds are involved (other than those specifically cited) and what are not in the scope of the terms "low-molecular weight compounds having 2 or more carboxyl groups", "derivatives thereof", "biological low-molecular weight compounds", "derivatives thereof" and "high-molecular weight compounds" as set forth in claims. Moreover, various compounds over extremely broad scopes may fall within the categories thereof and thus complete search can be hardly made on each of these compounds. On the other hand, only part of the compounds as claimed in claims 1 to 7 are supported by the description in the meaning within Patent Cooperation Treaty Article 6 and disclosed in the description in the meaning within Patent Cooperation Treaty Article 5.

Therefore, claims 1 to 7 and the description do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out.

In this international search report, therefore, prior art documents were examined on the compounds specifically cited in the description in so far as possible and reasonable, concerning the inventions according to claims 1 to 7.